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Preliminary Amendment dated:        March 16, 2006


## INTHECLAIMS:

Please amend the claims as indicated. A complete set of the claims is included below, reflecting added subject matter *(underlining)* and deleted subject matter *(strikethrough)*, as well as the current status of each claim. This listing of claims will replace all prior versions, and listings, of claims in the application:


1-17.    (Canceled)


18.    (Previously Presented)    A method of recognizing handwriting-based data entry comprising:

a)    accessing spatial stroke data and pressure data captured by a digitizer of a computer system and representing said user-drawn stroke wherein respective pressure data is associated with respective spatial data;

b)    storing said spatial stroke data and pressure data into a computer memory wherein pressure data of a first range represents an object of a first display attribute and pressure data of a second range represents an object of a second display attribute;

c)    determining an object display attribute based on said pressure data;

d)    drawing a representation of said user-drawn stroke on a display screen of said computer system simultaneously with said spatial stroke data being accessed by said digitizer wherein said representation of said user-drawn stroke is drawn with said object display attribute as determined at said c); and

e)    repeating said a) through said d) until said stroke is complete.


19.    (Original)    A method as described in Claim 18 wherein said first display attribute is a first width and wherein said second display attribute is a second width.


20.    (Original)    A method as described in Claim 18 wherein said stroke is a line.


21.    (Original)    A method as described in Claim 18 wherein said computer system is a palm sized computer system.


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22.    (Original)    A method as described in Claim 18 wherein said computer system is a
portable computer system.


23.    (Original)    A method as described in Claim 18 wherein said digitizer is separate in
area from said display screen.


24.    (Previously Presented)        In a computer system, a method of performing
authentication comprising:

accessing spatial stroke data and pressure data captured by a digitizer of said computer
system and representing a user-drawn signature wherein respective pressure data is associated
with respective spatial stroke data, wherein a display screen of said computer system comprises
said digitizer;

storing said spatial stroke data and pressure data into a computer memory;

comparing said spatial stroke data and pressure data of said user-drawn signature to
stored spatial stroke data and pressure data of a reference signature for a match;

generating an authentication signal upon a match of said spatial stroke data and pressure
data and said stored spatial stroke data and pressure data; and

provided said authentication signal is generated, allowing a user access to said computer
system, otherwise prohibiting said user from accessing a portion of said computer system.


25.    (Original)    A method as described in Claim 24 wherein said computer system is a
palm sized computer system.


26.    (Canceled)


27.    (Previously Presented)    A method as described in Claim 24 wherein said accessing
said spatial stroke data and pressure data further comprises the step of accessing speed
information representing said user-drawn signature and wherein said comparing further

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comprises comparing said speed information with reference speed information of a reference signature for said match.

28.    (Original)    A method as described in Claim 24 wherein said computer system is a portable computer system.

29.    (Previously Presented)       A secure handwriting-based data entry recognition system comprising:

   means for accessing spatial stroke data and pressure data captured by a digitizer of a computer system and representing said user-drawn stroke wherein respective pressure data is associated with respective spatial data;

   means for storing said spatial stroke data and pressure data into a computer memory wherein pressure data of a first range represents an object of a first display attribute and pressure data of a second range represents an object of a second display attribute;

   means for determining an object display attribute based on said pressure data; and

   means for drawing a representation of said user-drawn stroke on a display screen of said computer system simultaneously with said spatial stroke data being accessed by said digitizer wherein said representation of said user-drawn stroke is drawn with said object display attribute as determined at said means for determining an object display attribute.

30.    (Previously Presented)      The secure handwriting-based data entry recognition system as described in Claim 29 wherein said first display attribute is a first width and wherein said second display attribute is a second width.

31.    (Previously Presented)      The secure handwriting-based data entry recognition system as described in Claim 29 wherein said stroke is a line.

32.    (Previously Presented)      The secure handwriting-based data entry recognition system as described in Claim 29 wherein said computer system is a palm sized computer system.

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33.    (Previously Presented)    The secure handwriting-based data entry recognition system as described in Claim 29 wherein said computer system is a portable computer system.

34.    (Previously Presented)    The secure handwriting-based data entry recognition system as described in Claim 29 wherein said digitizer is separate in area from said display screen.

35.    (New) A method of recognizing shape entry, said method comprising the steps of:
        accessing spatial stroke data and pressure data captured by a digitizer wherein respective pressure data is associated with respective spatial stroke data;
        storing said spatial stroke data and pressure data into a computer memory;
        performing shape recognition on said spatial stroke data and said pressure data to identify a recognized shape with a shape set; and
        displaying said recognized shape on a display screen of a computer system.

36.    (New) The method of claim 35 wherein said shape set includes a square.

37.    (New) The method of claim 35 wherein said shape set includes a circle.

38.    (New)  The method of claim 35 wherein said shape set includes a rectangle.

39.    (New) A method of recognizing entry of an object in a graphics application resident on a portable computer, said method comprising the steps of:
        accessing spatial stroke data and pressure data captured by a digitizer of a computer system;
        storing said spatial stroke data and pressure data into a computer memory;
        determining an object display attribute according to said pressure data;
        drawing a representation of said object on a display screen of said portable computer.

40.    (New) The method of claim 39 wherein said object is a line.

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41.    (New) The method of claim 40 wherein pressure data of a first range represents an object of a first display attribute and pressure data of a second range represents an object of a second display attribute.

42.    (New) A method of presenting attribute selection for an object in an application resident on a portable computer, said method comprising the steps of:

accessing spatial stroke data and pressure data captured by a digitizer of said portable computer;

storing said spatial stroke data and pressure data into a computer memory;

determining an object attribute according to said pressure data; and

presenting a representation of said object attribute on a display screen of said portable computer.

43.    (New) The method of claim 42 wherein said object attribute is a character set attribute.

44.    (New) The method of claim 42 wherein said object attribute is a visual attribute.

45.    (New) The method of claim 43 wherein said object attribute is a character size.

46.    (New) The method of claim 43 wherein said object attribute is a character font.

47.    (New) The method of claim 44 wherein said object attribute is a stroke width.